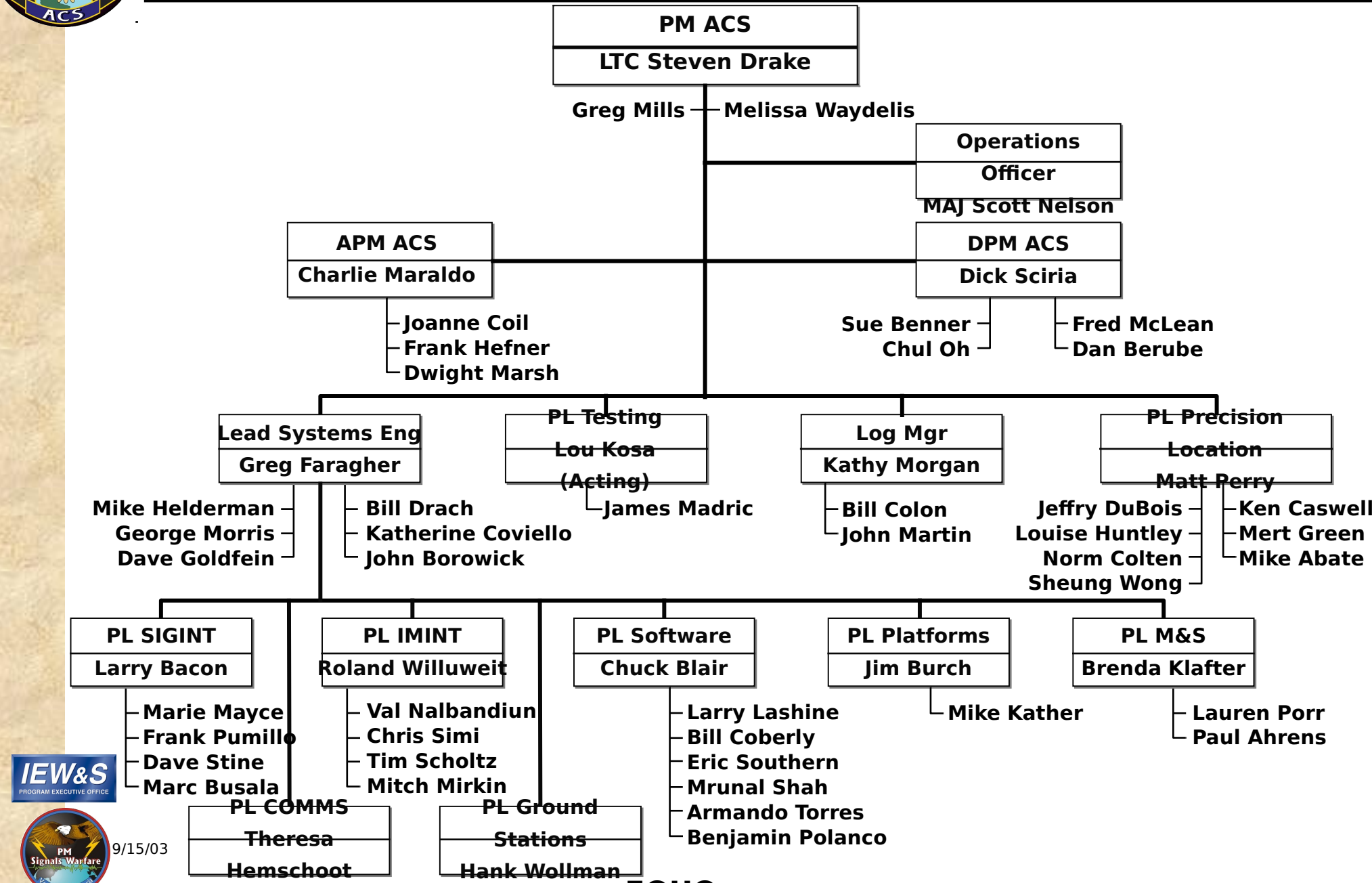
Aerial Common Sensor
PM SW Off-Site

LTC Steven Drake

8 October 2003

Aerial Common Sensor
Organization Chart

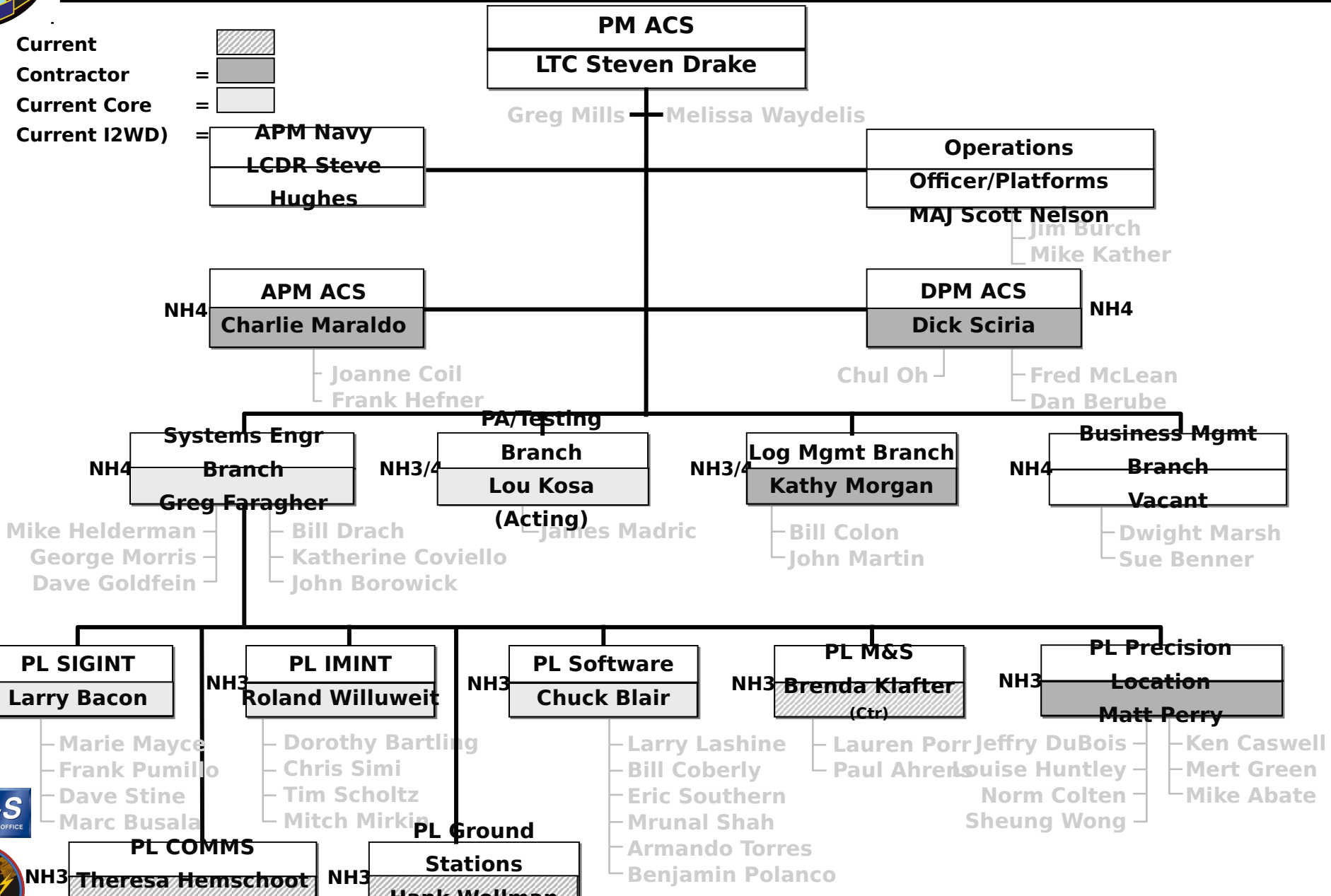


IEW&S PROGRAM EXECUTIVE OFFICE

PM Signals Warfare

9/15/03

Aerial Common Sensor
Organization Chart (Core Positions)



Aerial Common Sensor
Proposed Organizational Changes

- **Build up to Manage ACAT 1C/D Program**
  - **Adding Support to Logistics**
  - **Add Software Support On-Site (Insight Into Contractor Processes)**
  - **Adding Business Management Support to Deal With Increased Reporting Requirements**
  - **Empowerment**
  - **Increased Direct Accountability**

Aerial Common Sensor
FY03 Achievements

- **Successful AROC - Mar 03**
- **Completed Component Advanced Development (CAD) - Jul 03**
- **Successful ASARC - Aug 03**
- **Successful JROC (Pending Signed Memo) - Sep 03**
- **Successful OIPT - Sep 03**
- **Pilot Program Participation for Probability of Success**
- **Advanced M&S Capabilities**
- **Developed Draft SDD RFP**
- **Developed Documentation Supporting MS B Decision Review**

Aerial Common Sensor
Path Forward

Date	Activity
01-Aug-03	CRB
18-Aug-03	MILDEP Review
22-Aug-03	OSD - 3 COA
25-Aug-03	ASARC
27-Aug-03	J CB
22-Sep-03	CAIG Briefing
22-Sep-03	OSD IIPT
26-Sep-03	OIPT
Paper Pending Memo	J ROC
TBD (J an 04)	MS B DAB

Aerial Common Sensor
Lessons Learned From FY03

- **Work More Closely With Outside Agencies for Cost Analysis**
- **Allow More Time for Document Staffing Realize "Crunch" in Last two Weeks**
- **Advertised Flexibility of Acquisition is not so Flexible**
  - **Planning, Programming, Budgeting, and Execution System (PPBES) Does not Support DoD 5000 Philosophy**
  - **Reporting Requirements/Oversight**
  - **Building Mentality Still "Old School"**

Aerial Common Sensor
FY04 Scheduled Events

- SD&D Solicitation - Oct 03
- Initial SAR Report - Dec 03
- Source Selection Evaluation Board - Nov 03 - Jan 04
- MS B DAB - Jan 04
- SD&D Contract Award - Feb 04
- Kick-Off Meeting - Mar 04
- Preliminary Design Review - Aug 04

Aerial Common Sensor
Program Events

• MS A (SIPR)	-	Jul 1999
• CE Phase Start	-	Apr 2000
• Tech Dev Decision	-	Dec 2001
• CE Phase End	-	Jan 2002
• Tech Dev Contract Award	-	Apr 2002
• MS B	-	Sep 2003
• DT&E 1	-	Jan 2006
• Design Readiness Review	-	Mar 2006
• DT&E 2	-	Jun 2007
• LUT	-	Aug 2007
• MS C	-	Sep 2007
• IOT&E Start	-	Oct 2008
• IOT&E End	-	Feb 2009
• FRP Decision Review	-	May 2009
• FUE	-	Aug 2009

Aerial Common Sensor
Long Range Events (FY05-09)

- Critical Design Review
- First Flight Development Test & Evaluation 1 (DT&E 1)
- Design Readiness Review
- Air Worthiness Certification
- DT&E 2
- Limited User Test
- Milestone C
- LRIP
- Operational Readiness Review
- Initial Operational Test and Evaluation
- First Unit Equipped

Aerial Common Sensor
Issues/Challenges/Risks

- **Possible Protest of SD&D Award:**

Impact	***Mitigation***
Delays Award	**- Breakout DCP Funding**
- Jeopardizes FY04 Funding	**- Procure Aircraft and Provide as GFE**

- **Aircraft Deliver in FY04**
  - **Needed to Start Aircraft Qualification Plan (AQP) Work**
  - **Needed to Assure FY05 First Flight**
- **CAIG - ICE**
  - **Adding Risk Costs may Impact PA&E Affordability Position**
- **Industry Failure to Ramp up to Plan can Impact Future Schedule**
- **DCGS-A – Acquisition Strategy**
- **Navy Coordination**